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<div style="display: flex; align-items: center;"> <div> <p style="font-size: 24pt; margin: 0;">13142</p> <p style="font-size: 24pt; margin: 0;">U.S. PTO</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>UTILITY</p> <p>PATENT APPLICATION</p> <p>TRANSMITTAL</p> <p><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small></p> </div>	<p>Attorney Docket No.: 2004_0156A</p> <hr/> <p>First Named Inventor : Tomoo KIMURA et al.</p> <hr/> <p>Title: LOGIC CIRCUIT OPTIMIZING METHOD, LOGIC CIRCUIT OPTIMIZING DEVICE AND LOGIC CIRCUIT COMPOSING DEVICE</p> <hr/> <p>Express Mail Label No.:</p>
<p style="text-align: center;">APPLICATION ELEMENTS</p> <p style="text-align: center;"><small>See MPEP chapter 600 concerning utility patent application contents.</small></p> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Small Entity Status is hereby asserted.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages: 37] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Sequence Listing, a table, or a computer program listing appendix. - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets: 17]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages: 3] <ul style="list-style-type: none"> a.1. <input type="checkbox"/> Newly executed (original or copy) a.2. <input checked="" type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> </p> <p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR 1.76)</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or computer program <i>(Appendix)</i></p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> The paper and computer readable copies are identical </p>
<p style="text-align: center;">ACCOMPANYING APPLICATION PARTS</p> <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <small><i>(if foreign priority is claimed)</i></small></p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other <ul style="list-style-type: none"> 1. Cover Letter for Application Filed Without Executed Declaration 2. Claim of Priority Under 35 USC 119 </p>	
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet:</p> <p style="text-align: center;"> <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. </p> <p>Prior Application Information: Examiner Group Art Unit</p> <p><small>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small></p>	
<p>19. CORRESPONDENCE ADDRESS</p> <p style="text-align: center;">CUSTOMER NO.</p> <p style="text-align: center; font-size: 24pt;">000513</p>	<p>By: </p> <p style="text-align: center;">Jeffrey R. Filipek Registration No. 41,471</p> <p style="text-align: center;">WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250</p> <p style="text-align: center;">February 9, 2004</p>

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Tomoo KIMURA et al. :
Serial No. NEW : **Attn: APPLICATION BRANCH**
Filed February 9, 2004 : **Attorney Docket No. 2004_0156A**
LOGIC CIRCUIT OPTIMIZING METHOD, :
LOGIC CIRCUIT OPTIMIZING DEVICE AND :
LOGIC CIRCUIT COMPOSING DEVICE :

PATENT OFFICE FEE TRANSMITTAL FORM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
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FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

Attached hereto is a check in the amount of \$1064.00 to cover Patent Office fees relating to filing the following attached papers:

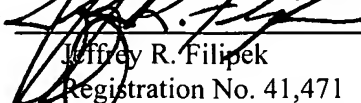
New application \$770.00
Additional Claims Fee:
Excess of Twenty \$ 36.00
Independent \$258.00

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Tomoo KIMURA et al.

By  _____
Jeffrey R. Filipek
Registration No. 41,471
Attorney for Applicants

JRF/fs
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Telephone (202) 721-8200
February 9, 2004

[Check No. 60101]
2004_0156A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Tomoo KIMURA et al. : **Attn: APPLICATION BRANCH**
Serial No. NEW : **Attorney Docket No. 2004_0156A**
Filed February 9, 2004 :
LOGIC CIRCUIT OPTIMIZING METHOD, :
LOGIC CIRCUIT OPTIMIZING DEVICE :
AND LOGIC CIRCUIT COMPOSING :
DEVICE :

COVER LETTER FOR APPLICATION FILED
WITHOUT EXECUTED DECLARATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

The above-identified application has been submitted without an executed oath or declaration pursuant to 37 CFR 1.41(c).

It is respectfully requested that this application be assigned a serial number and awarded a filing date pursuant to 37 CFR 1.53.

A duly executed oath or declaration pursuant to 37 CFR 1.63 will be submitted after notification by the U.S. Patent and Trademark Office pursuant to 37 CFR 1.52(d).

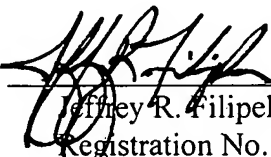
A non-executed copy of the Declaration and Power of Attorney, containing the inventorship information, is attached. It is respectfully requested that all communications be directed to the firm indicated on the attached Declaration and Power of Attorney, namely:

WENDEROTH, LIND & PONACK, L.L.P.
2033 K Street, N.W., Suite 800
Washington, D.C. 20006-1021

The required U.S. Patent and Trademark Office Filing Fee is submitted herewith.

Respectfully submitted,

Tomoo KIMURA et al.

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February 9, 2004